

IN THE CLAIMS:

The following is a complete listing of the claims, reflects all changes currently being made thereto, and replaces all earlier versions and listings:

1. (currently amended): A method of producing a solar cell module having a laminating step, in which a body to be laminated comprising of photovoltaic devices and a sealing member is mounted on a mounting board heated at a predetermined temperature and the body to be laminated is heat-bonded by pressing with ~~pressing means~~ a diaphragm, the method comprising the steps of:

mounting the body to be laminated on a tabular member;

carrying in the body to be laminated along with the tabular member onto the mounting board;

heat-bonding the body to be laminated by pressing using the ~~pressing means~~ diaphragm;

carrying out the body to be laminated along with the tabular member from the mounting board after ~~parting~~ separating the ~~pressing means~~ diaphragm from the body to be laminated; and

separating the body to be laminated from the tabular member,

wherein the ~~pressing means~~ diaphragm is provided opposite to the mounting board heated at a predetermined temperature, and the ~~pressing means~~ diaphragm applies pressure on the body to be laminated which is sandwiched between the ~~pressing means~~ diaphragm and the mounting board,

wherein the ~~pressing means~~ diaphragm is directly cooled by cooling means after carrying out the body, and

wherein another body to be laminated is carried in along with another tabular member onto the mounting board after cooling the ~~pressing means~~ diaphragm.

2. (original): The method of producing a solar cell module according to claim 1, wherein a release sheet having an irregular form on a surface is arranged between the tabular member and the body to be laminated.

3. (currently amended): The method of producing a solar cell module according to claim 1, wherein the tabular member has an irregular form on a surface while the surface of the tabular member is subjected to release treatment to allow separation of the body to be laminated~~[[;]]~~, or a release film following the irregular form is arranged on the surface of the tabular member.

4. (currently amended): The method of producing a solar cell module according to claim 1, wherein a temperature of the mounting board is 160°C or more.

5. (currently amended): The method of producing a solar cell module according to claim 1, wherein organic peroxide is blended as a cross-linking agent in at least one of the sealing members, and a 1-hour half-life temperature of the organic peroxide is 115°C or less.

6. (cancelled).

7. (previously presented): The method of producing a solar cell module according to claim 2, wherein the release sheet is impregnated with a fluororesin.